

Maxwell Murphy

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

853
citations

623734

14
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1399
citing authors

#	ARTICLE	IF	CITATIONS
1	FLASH: a next-generation CRISPR diagnostic for multiplexed detection of antimicrobial resistance sequences. <i>Nucleic Acids Research</i> , 2019, 47, e83-e83.	14.5	168
2	Performance of a High-Sensitivity Rapid Diagnostic Test for <i>Plasmodium falciparum</i> Malaria in Asymptomatic Individuals from Uganda and Myanmar and Naïve Human Challenge Infections. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1540-1550.	1.4	108
3	THE REAL McCOIL: A method for the concurrent estimation of the complexity of infection and SNP allele frequency for malaria parasites. <i>PLoS Computational Biology</i> , 2017, 13, e1005348.	3.2	93
4	Using parasite genetic and human mobility data to infer local and cross-border malaria connectivity in Southern Africa. <i>ELife</i> , 2019, 8, .	6.0	83
5	Limitations of Rapid Diagnostic Testing in Patients with Suspected Malaria: A Diagnostic Accuracy Evaluation from Swaziland, a Low-Endemicity Country Aiming for Malaria Elimination. <i>Clinical Infectious Diseases</i> , 2017, 64, 1221-1227.	5.8	53
6	High Genetic Diversity of <i>Plasmodium falciparum</i> in the Low-Transmission Setting of the Kingdom of Eswatini. <i>Journal of Infectious Diseases</i> , 2019, 220, 1346-1354.	4.0	42
7	Fibromodulin Enhances Angiogenesis during Cutaneous Wound Healing. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2014, 2, e275.	0.6	39
8	Sensitive, Highly Multiplexed Sequencing of Microhaplotypes From the <i>Plasmodium falciparum</i> Heterozygote. <i>Journal of Infectious Diseases</i> , 2022, 225, 1227-1237.	4.0	37
9	Simultaneous Quantification of <i>Plasmodium</i> Antigens and Host Factor C-Reactive Protein in Asymptomatic Individuals with Confirmed Malaria by Use of a Novel Multiplex Immunoassay. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	31
10	Active Case Finding for Malaria: A 3-Year National Evaluation of Optimal Approaches to Detect Infections and Hotspots Through Reactive Case Detection in the Low-transmission Setting of Eswatini. <i>Clinical Infectious Diseases</i> , 2020, 70, 1316-1325.	5.8	27
11	Laboratory challenges of <i>Plasmodium</i> species identification in Aceh Province, Indonesia, a malaria elimination setting with newly discovered <i>P. knowlesi</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006924.	3.0	22
12	Genetic Evidence of Focal <i>Plasmodium falciparum</i> Transmission in a Pre-elimination Setting in Southern Province, Zambia. <i>Journal of Infectious Diseases</i> , 2019, 219, 1254-1263.	4.0	20
13	Subpatent malaria in a low transmission African setting: a cross-sectional study using rapid diagnostic testing (RDT) and loop-mediated isothermal amplification (LAMP) from Zambezi region, Namibia. <i>Malaria Journal</i> , 2018, 17, 480.	2.3	18
14	Safety of Single-Dose Primaquine in G6PD-Deficient and G6PD-Normal Males in Mali Without Malaria: An Open-Label, Phase 1, Dose-Adjustment Trial. <i>Journal of Infectious Diseases</i> , 2018, 217, 1298-1308.	4.0	17
15	Performance of Loop-Mediated Isothermal Amplification for the Identification of Submicroscopic <i>Plasmodium falciparum</i> Infection in Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1777-1781.	1.4	16
16	Confirmation of the absence of local transmission and geographic assignment of imported <i>falciparum</i> malaria cases to China using microsatellite panel. <i>Malaria Journal</i> , 2020, 19, 244.	2.3	15
17	Antibody Profiling by Proteome Microarray with Multiplex Isotype Detection Reveals Overlap between Human and <i>Aotus nancymae</i> Controlled Malaria Infections. <i>Proteomics</i> , 2018, 18, 1700277.	2.2	14
18	Multiplex Human Malaria Array: Quantifying Antigens for Malaria Rapid Diagnostics. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 1366-1369.	1.4	13

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19	A new highly sensitive enzyme-linked immunosorbent assay for the detection of Plasmodium falciparum histidine-rich protein 2 in whole blood. Malaria Journal, 2018, 17, 403.	2.3	12
20	Within-household clustering of genetically related Plasmodium falciparum infections in a moderate transmission area of Uganda. Malaria Journal, 2021, 20, 68.	2.3	4
21	Assessment of Plasmodium antigens and CRP in dried blood spots with multiplex malaria array. Journal of Parasitic Diseases, 2021, 45, 479-489.	1.0	4
22	Inferring person-to-person networks of Plasmodium falciparum transmission: are analyses of routine surveillance data up to the task?. Malaria Journal, 2022, 21, 58.	2.3	1